

# SAO PAULO

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The raw materials are excavated in Weichsel loam layers, the local loam of Aeolian origin dating from the Ice Age. This löss mainly consists of a silt-like fraction, suited ideally for the manufacturing of hand form bricks. By using specific sand types for surface covering, the desired colour is achieved.

## COLOUR

bronze brown with light and dark shades

## FORMAT

### HAND FORM

WF 212 x 101 x 51 mm

DF 214 x 101 x 65 mm

*From one series to another, the average size may slightly differ.*

## INDIVIDUAL CHARACTERISTICS



NBN EN 771-1 Cat. I - HD

Average compressive strength	20 N/mm <sup>2</sup>
Dimensions: tolerance category	T2
Dimensions: range category	R1
Dimensional stability	0,04 mm/m
Adhesive strength (mortar)	0,15 N/mm <sup>2</sup> (0,30 N/mm <sup>2</sup> )
Active soluble salts	S2
Reaction to fire	Euroclass A1 (TOC < 0,1%)
Water absorption	<= 17% (m/md)
Initial rate of water absorption	<4,5 min
Water vapour diffusion coefficient	5/10 (EN 1745)
Net dry density	1640 kg/m <sup>3</sup> (D1)
Gross dry density	1530 kg/m <sup>3</sup> (D1)
Equivalent thermal conductivity	0,55 W/m.K
Freeze / thaw resistance	F2
Dangerous substances	NPD (No performance determined)

### Plants:

Vandersanden Spouwen  
Riemsterweg 300  
B-3740 SPOUWEN

Vandersanden Lanklaar  
Nijverheidslaan 11  
B-3650 LANKLAAR